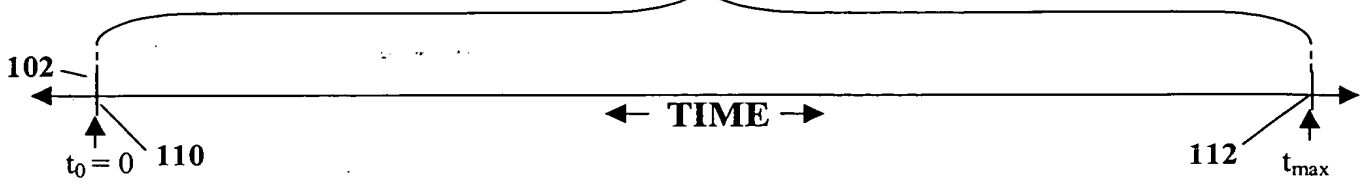
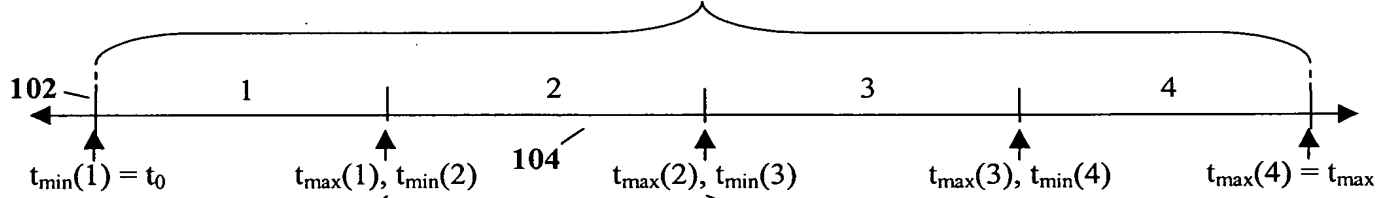


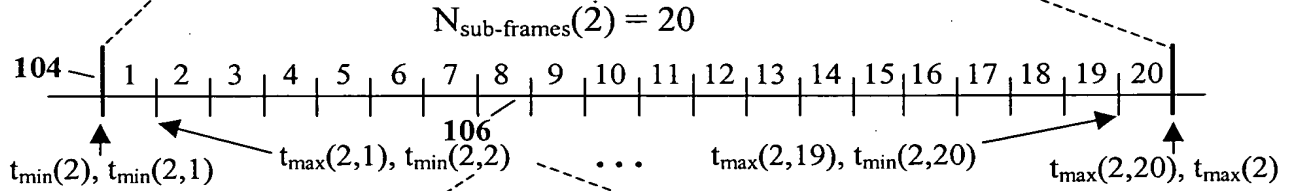
# Time Period Containing Pulse Train



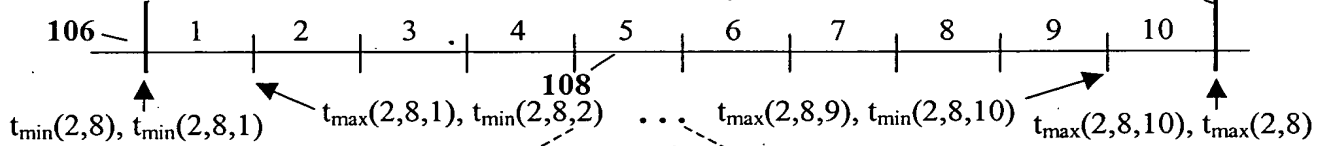
## Time Period Subdivided Into Four Frames, $N_{\text{frames}} = 4$



## Frame 2 Subdivided Into Twenty Sub-frames, $N_{\text{sub-frames}}(2) = 20$



## Sub-frame 8 of Frame 2 Subdivided Into Ten Smaller Components, $N_{\text{smaller components}}(2,8) = 10$



108—

Smaller Component 5 of Sub-frame 8 of Frame 2  
Subdivided into X Even Smaller Components,  
 $N_{\text{even smaller components}}(2,8,5) = X$ , and so on.

FIGURE 1. Time Period Layout Parameters

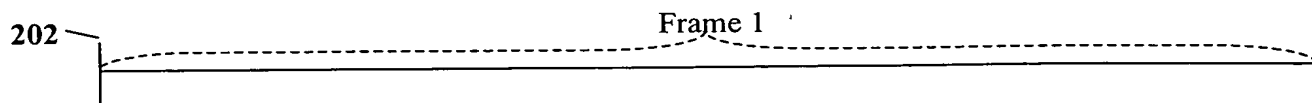


FIGURE 2a.

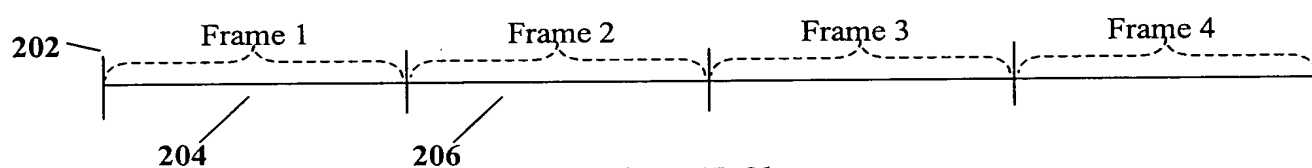


FIGURE 2b.

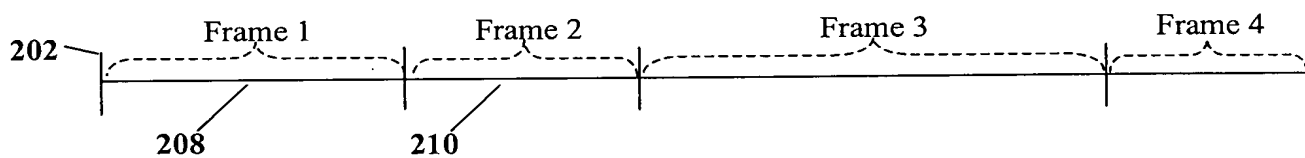


FIGURE 2c.

005F80"05F8E960

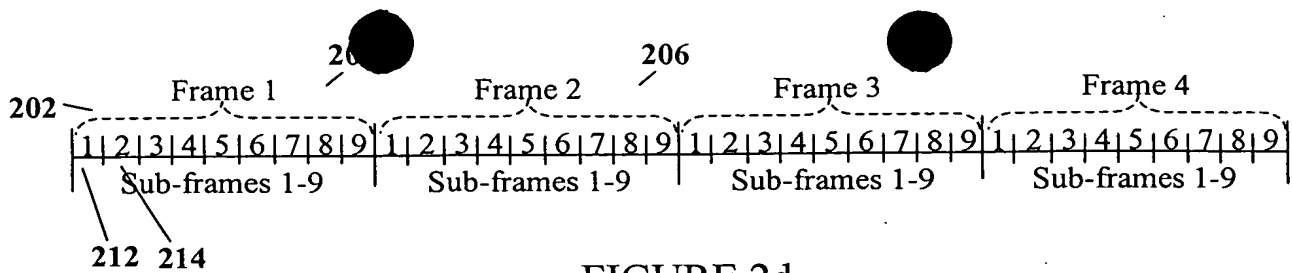


FIGURE 2d.

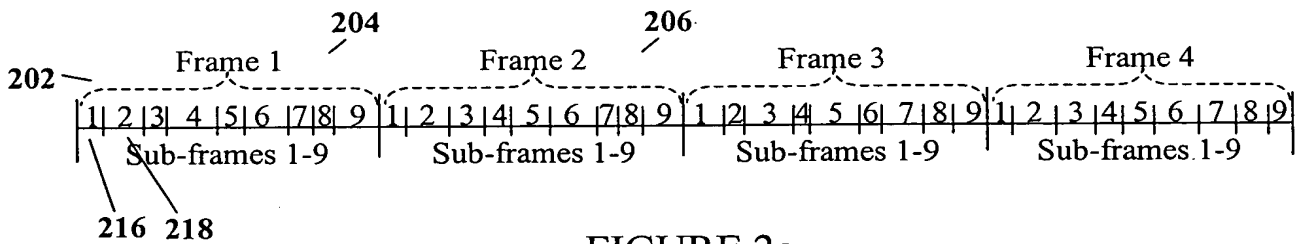


FIGURE 2e.

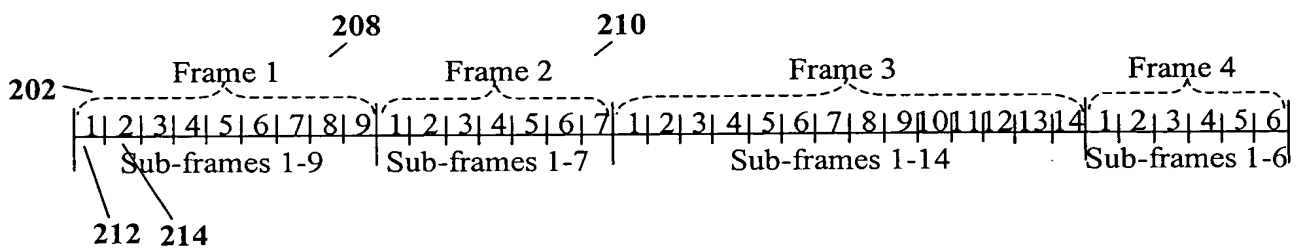


FIGURE 2f.

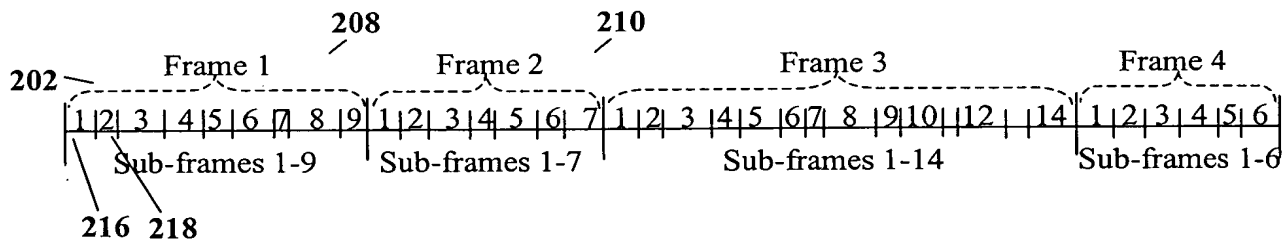
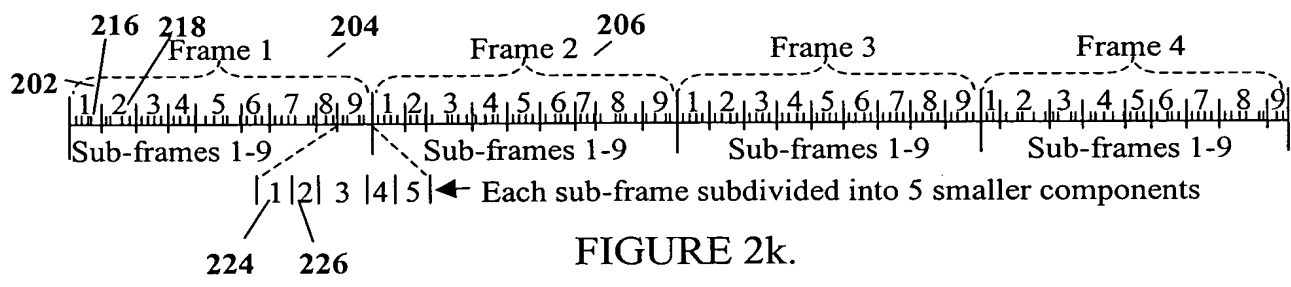
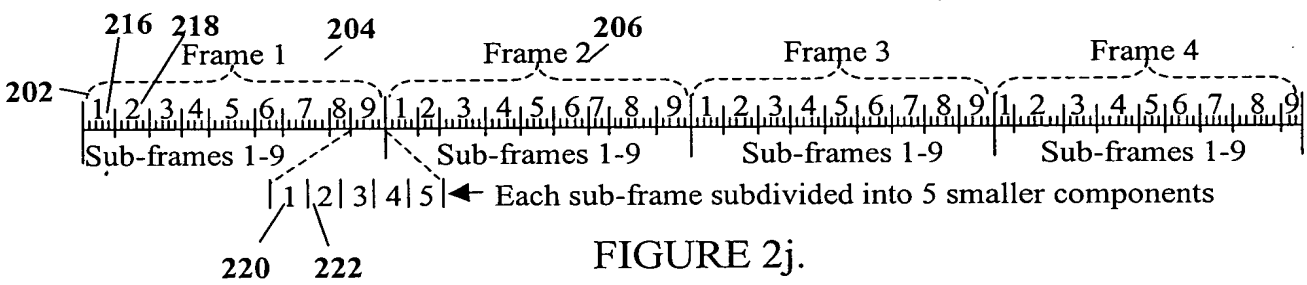
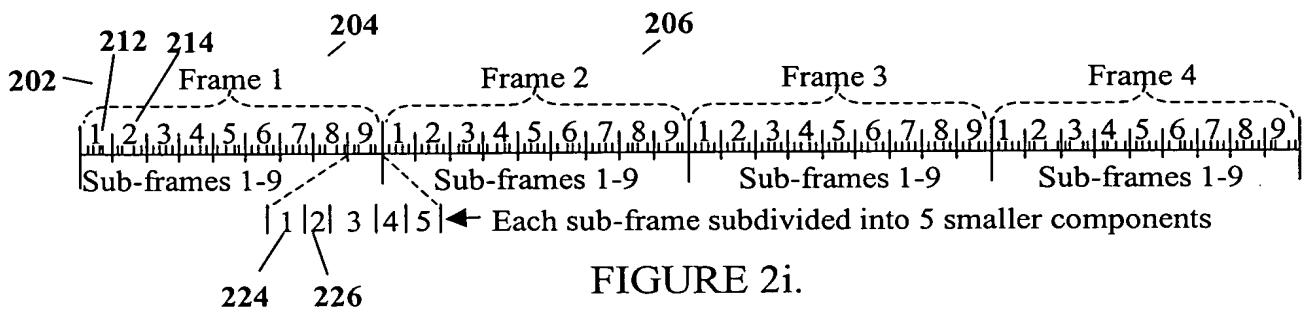
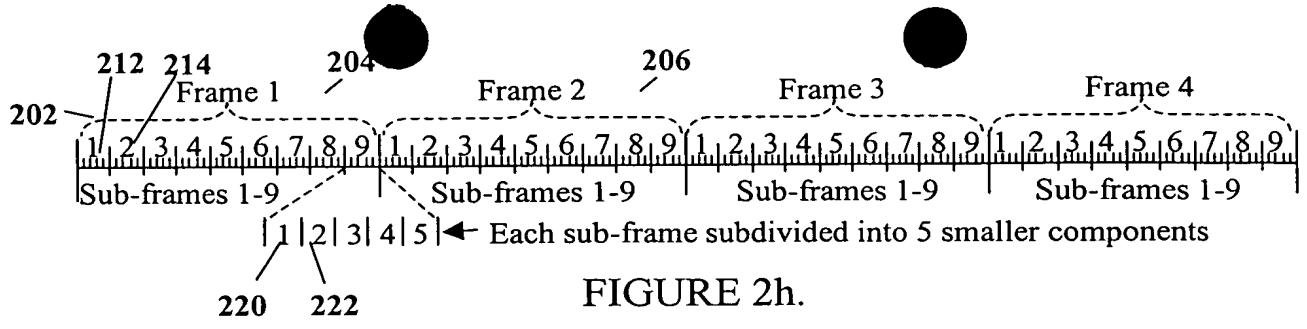


FIGURE 2g.

09638150.081500



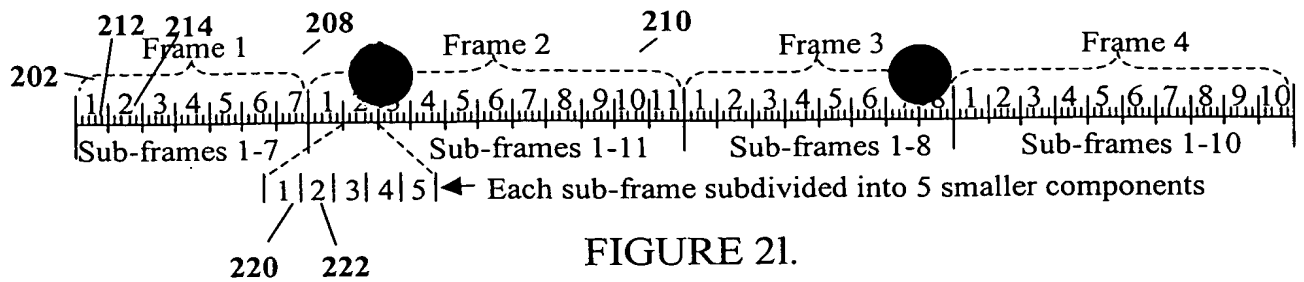


FIGURE 2l.

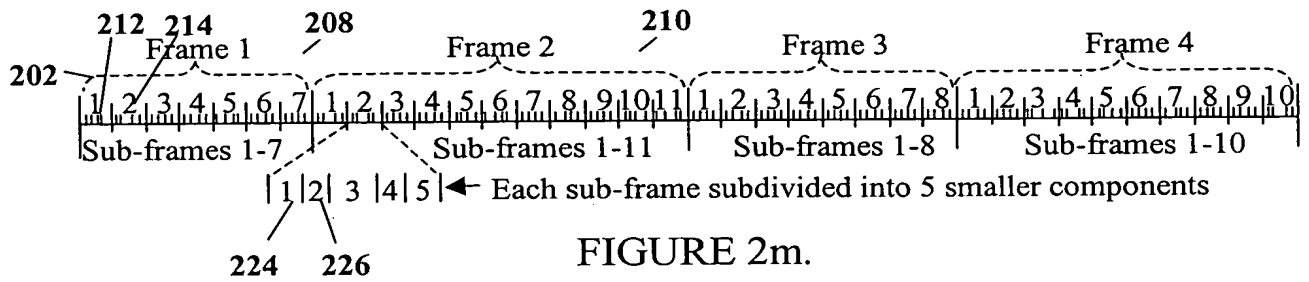


FIGURE 2m.

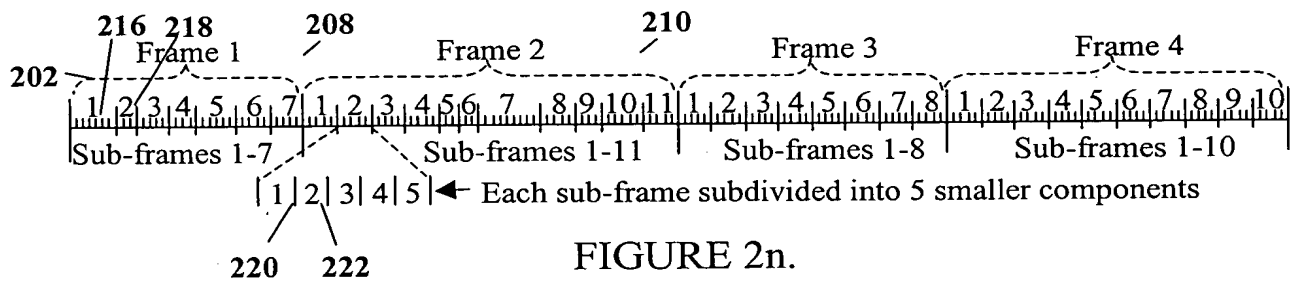


FIGURE 2n.

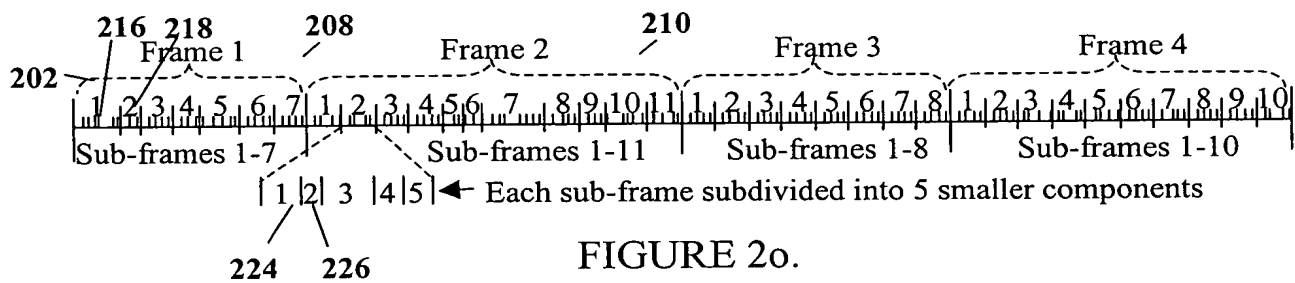


FIGURE 2o.

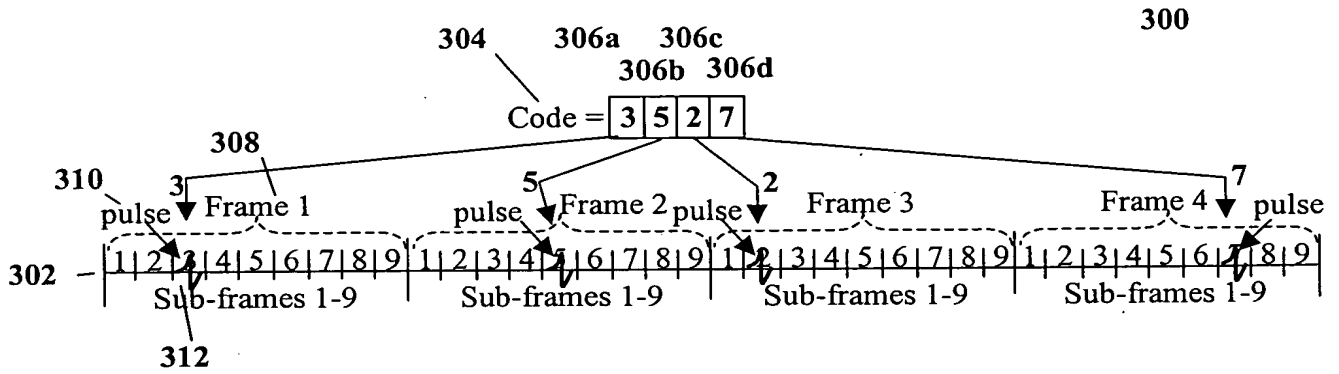


FIGURE 3a

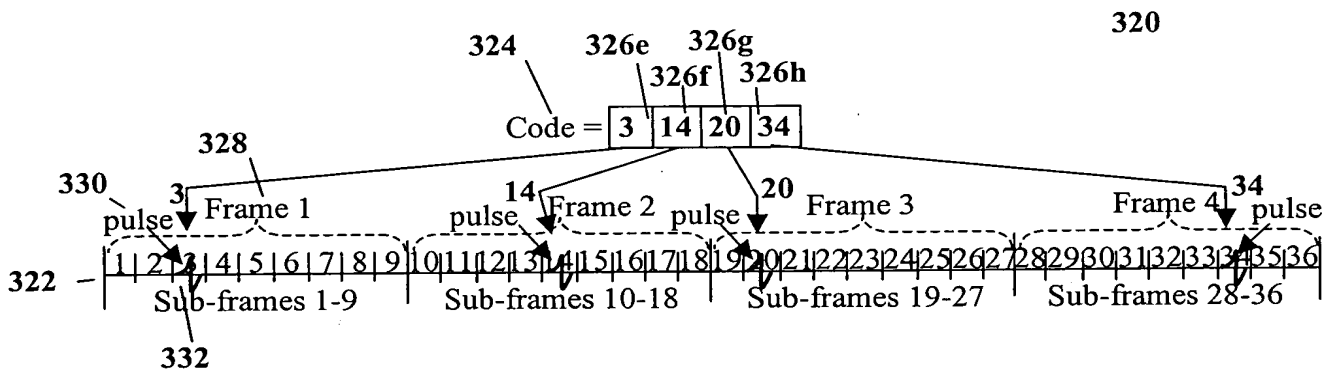


FIGURE 3b

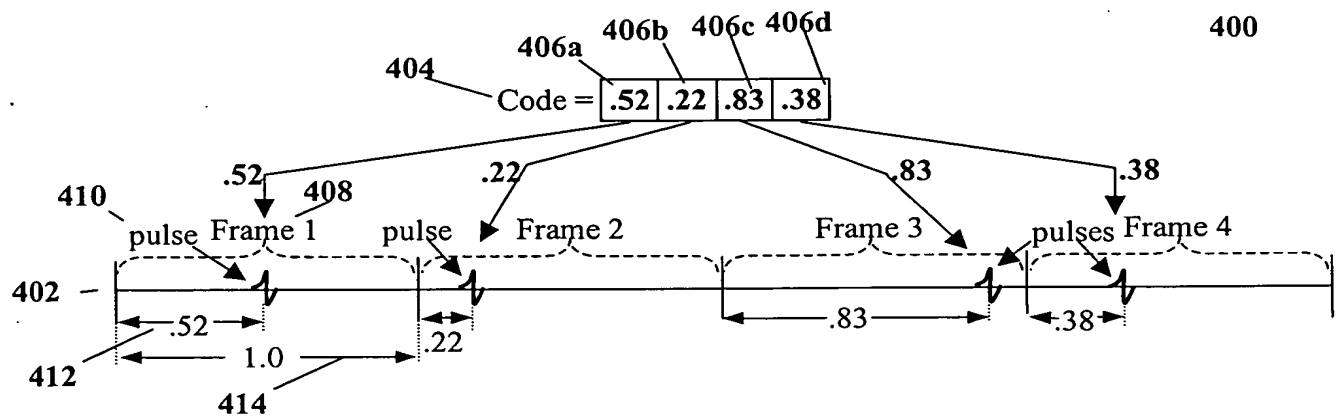


FIGURE 4a

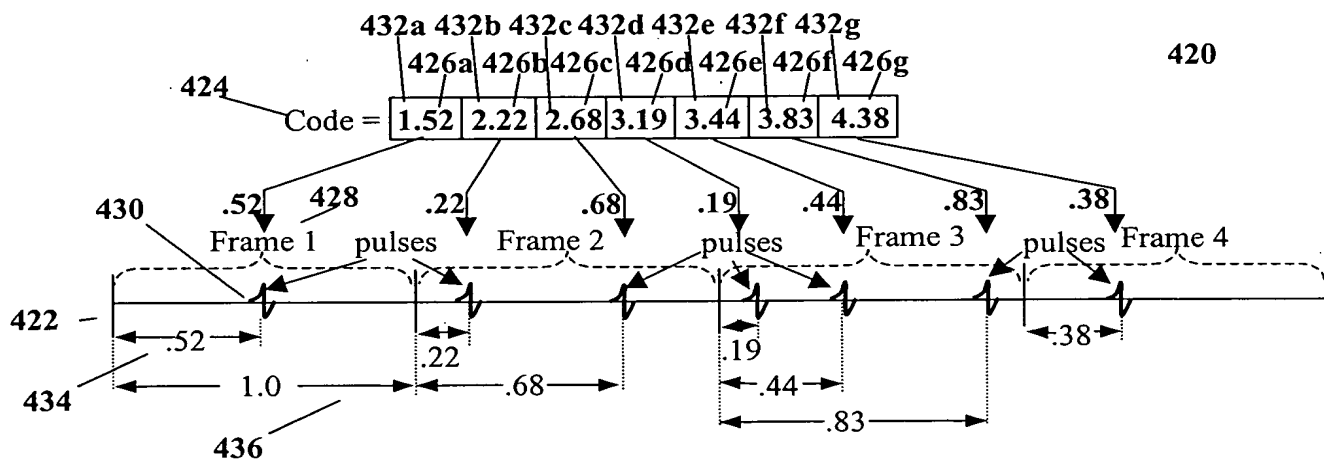


Figure 4b

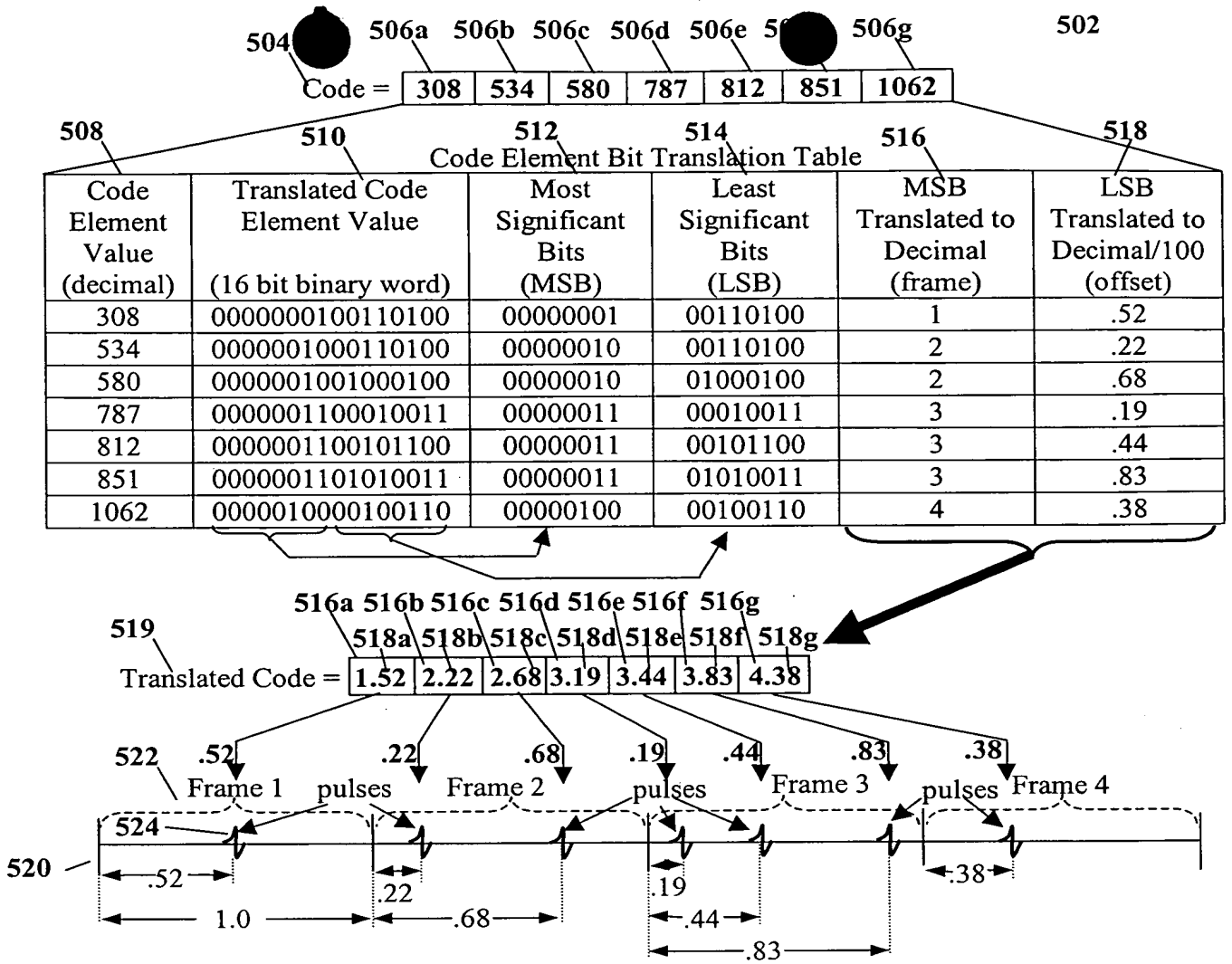


FIGURE 5a



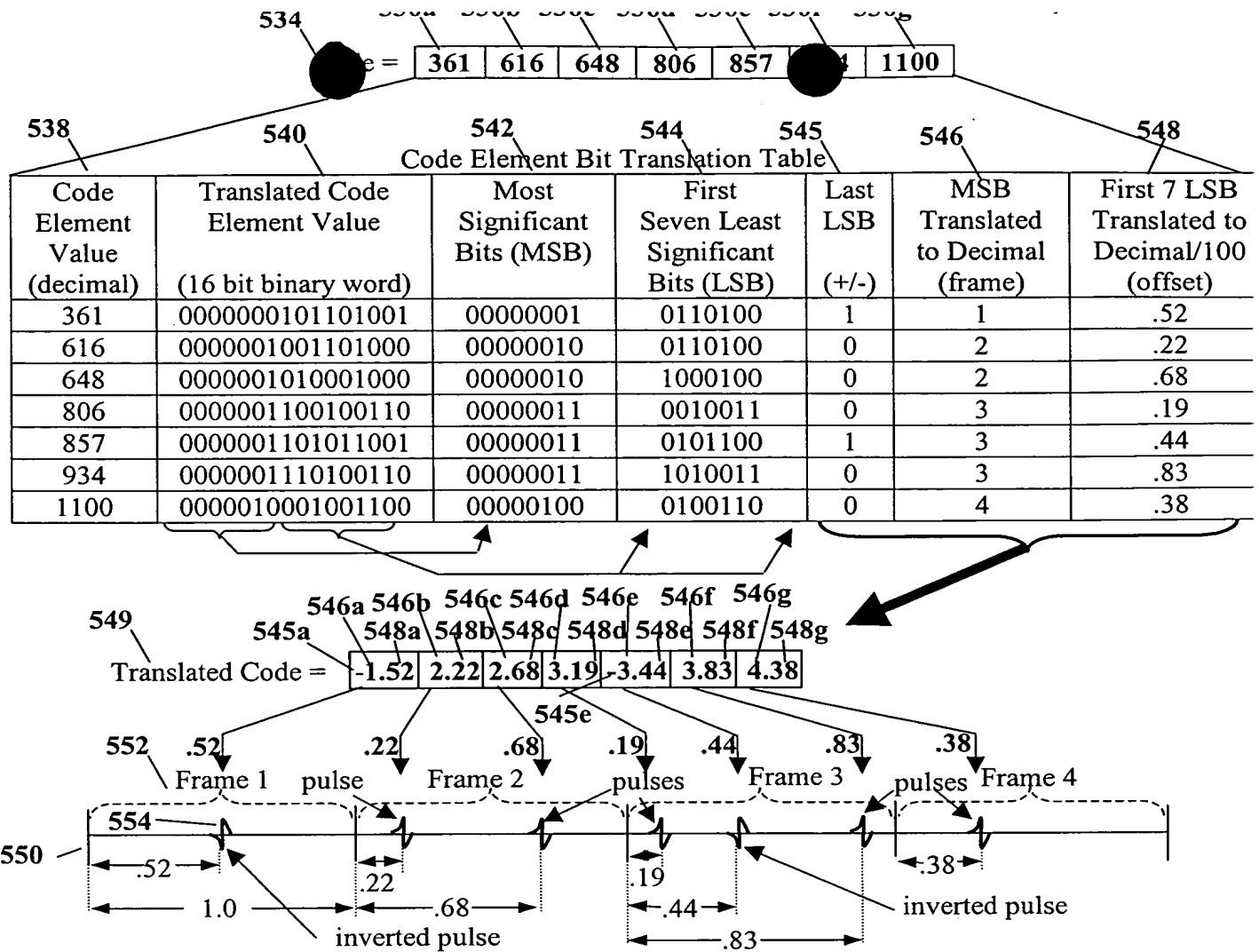


FIGURE 5b

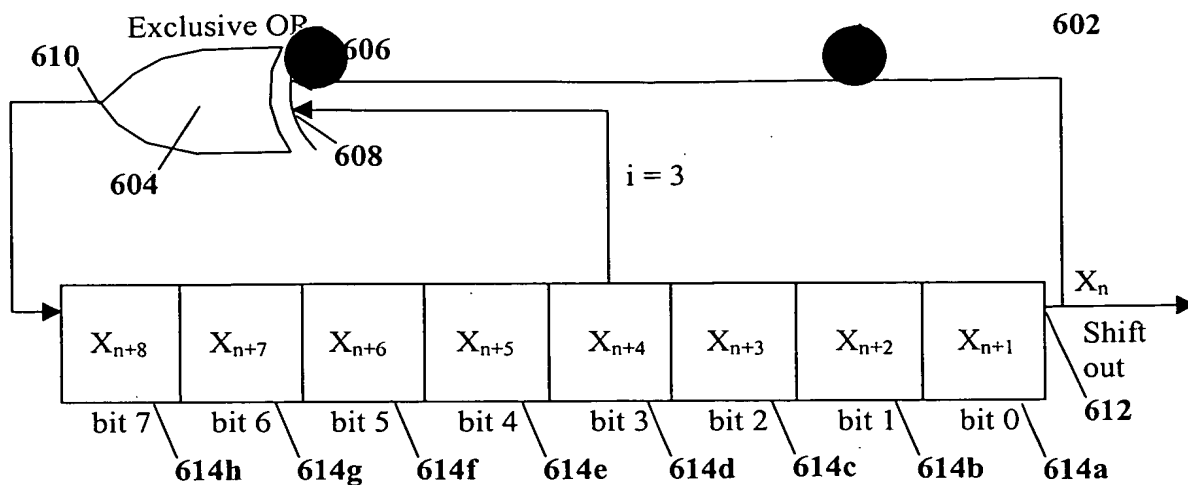


FIGURE 6a. Linear Feedback Shift Register

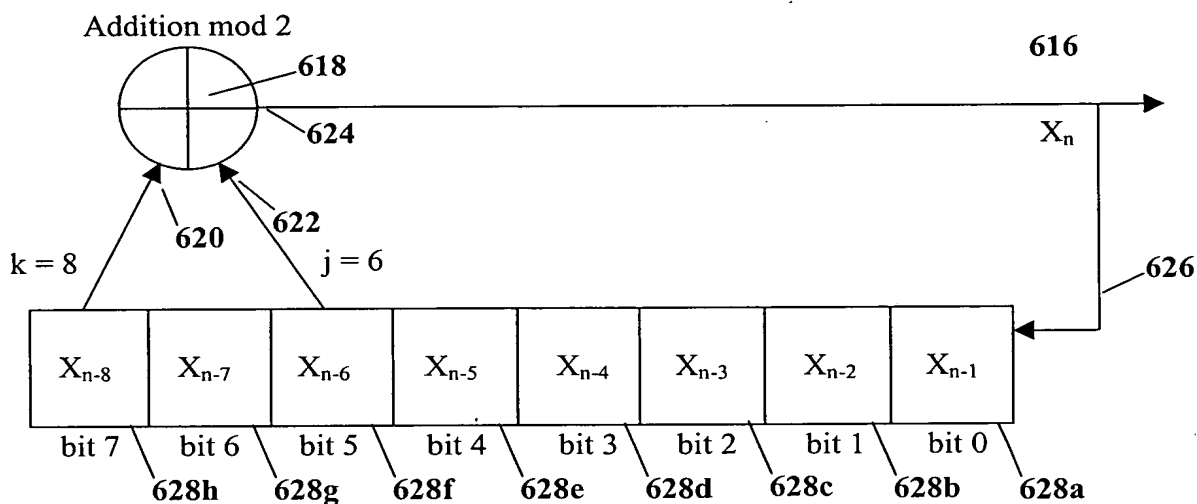


FIGURE 6b. Lagged-Fibonacci Shift Register Generator

Quadratic Congruential Codes when  $\alpha = \beta = 0$  and  $p = 7$   
 $y(k) = i k^2 \bmod 706$

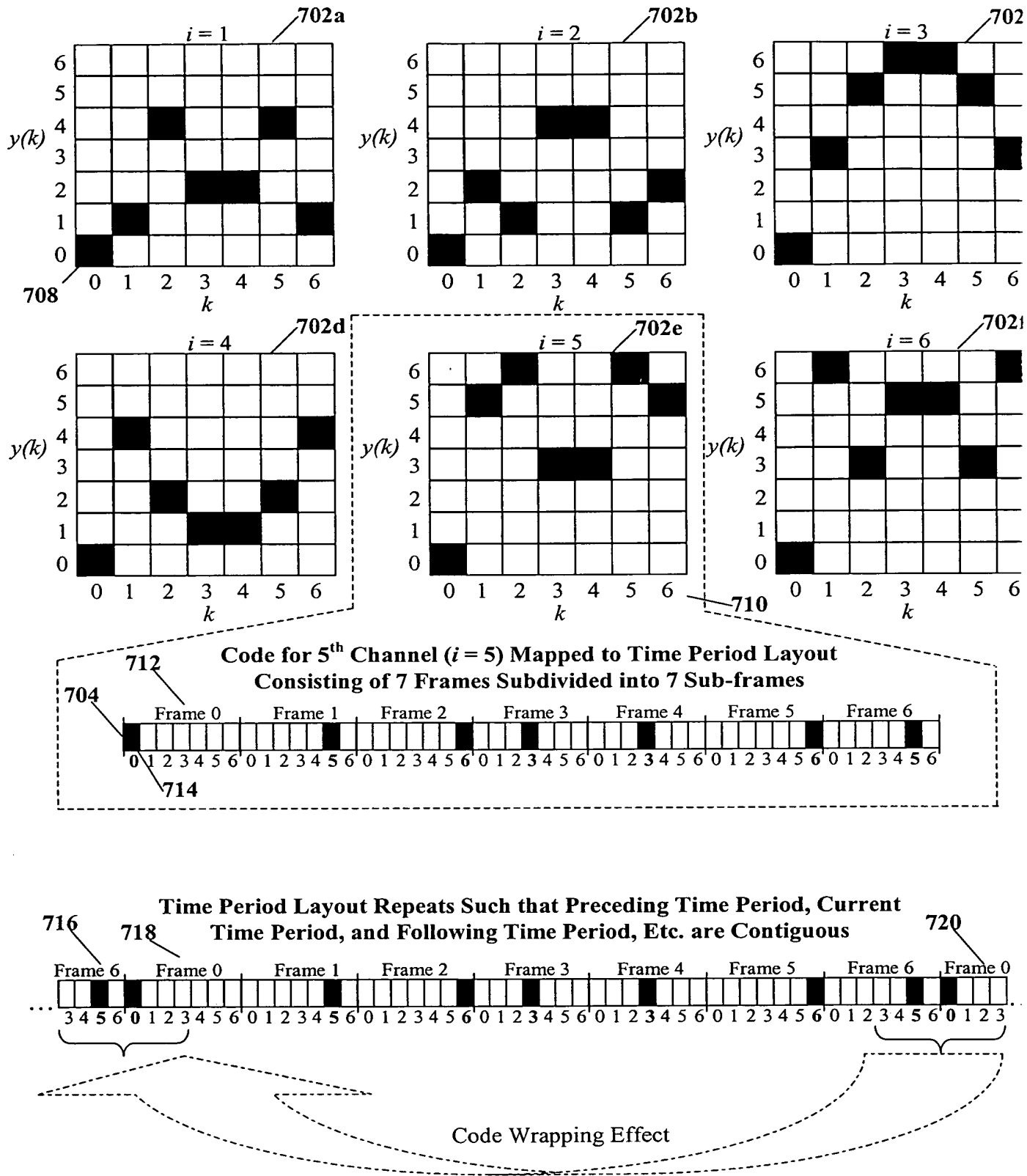
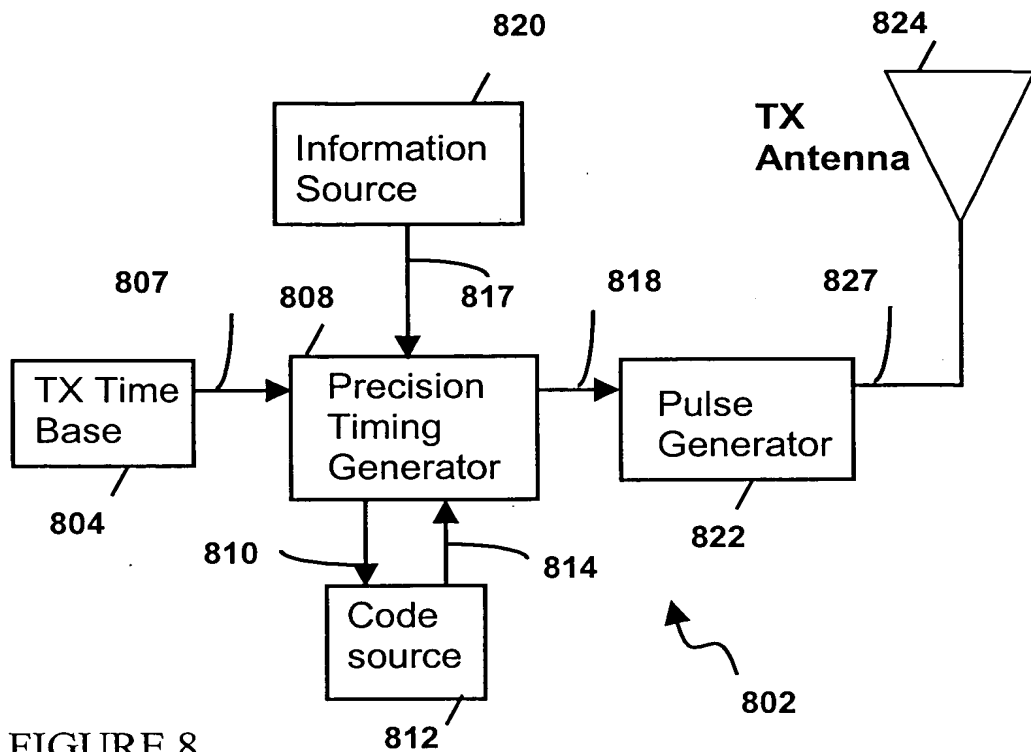
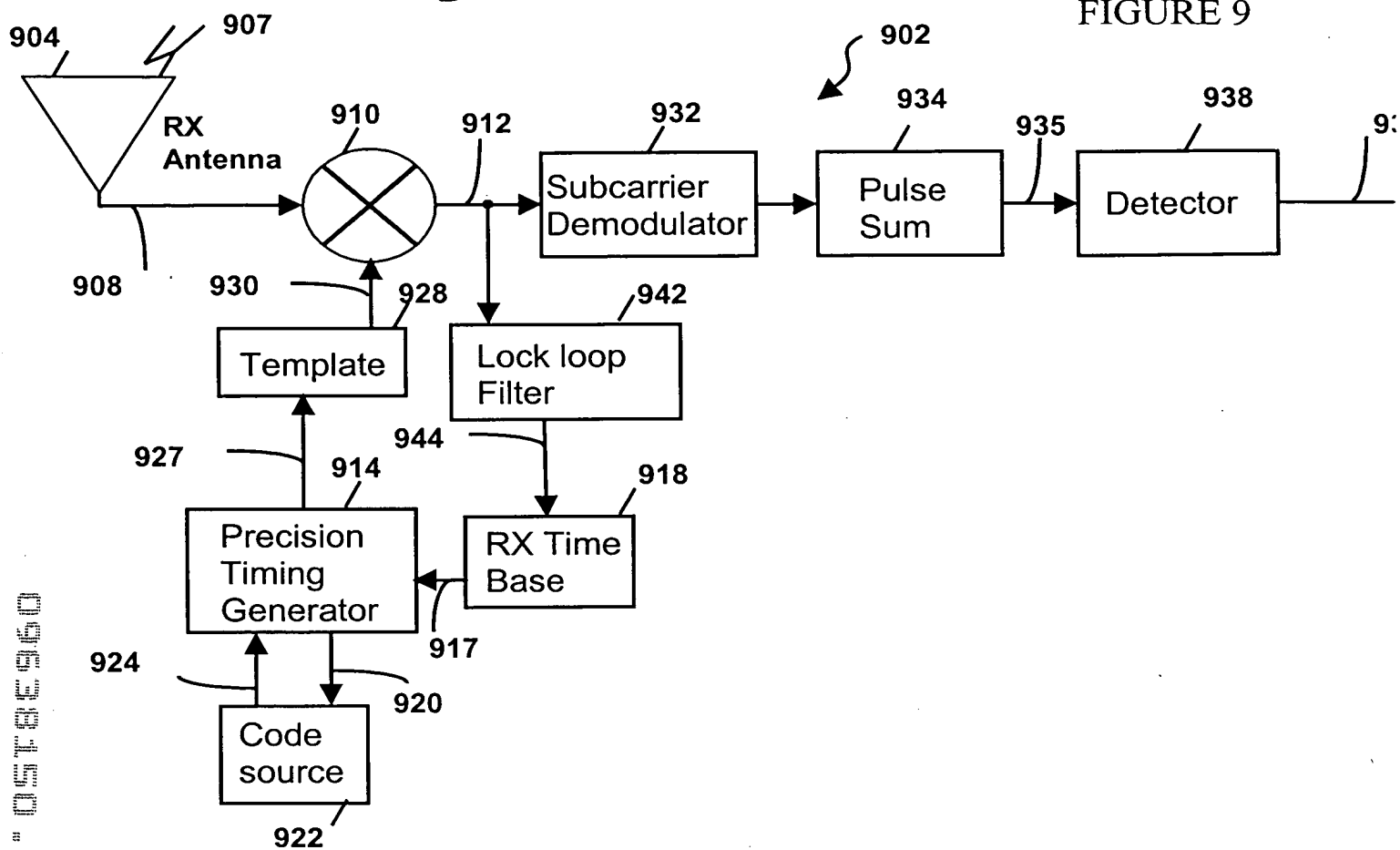


FIGURE 7.





005F80" 05F8E360

1004

1002

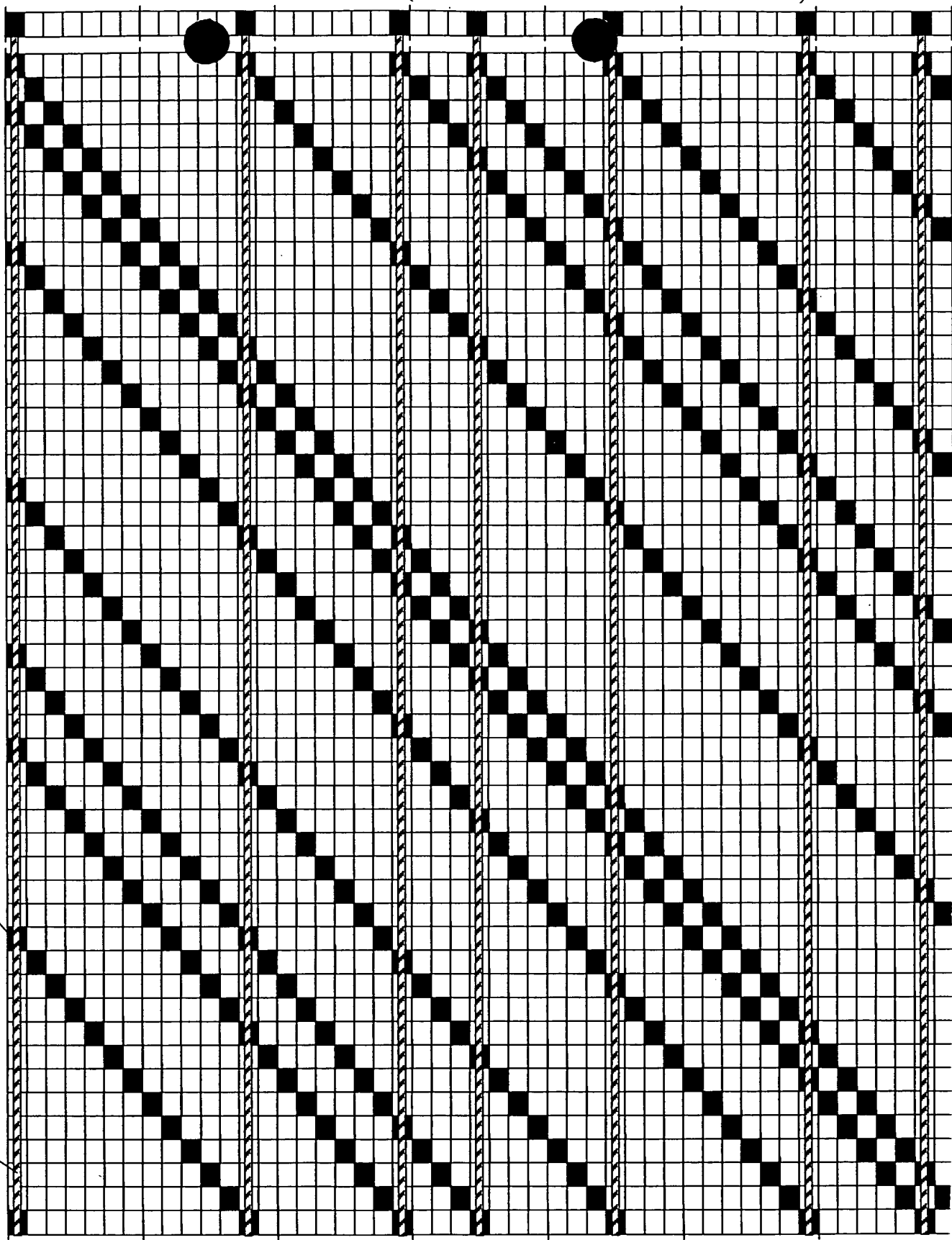


FIGURE 10.



### Autocorrelation

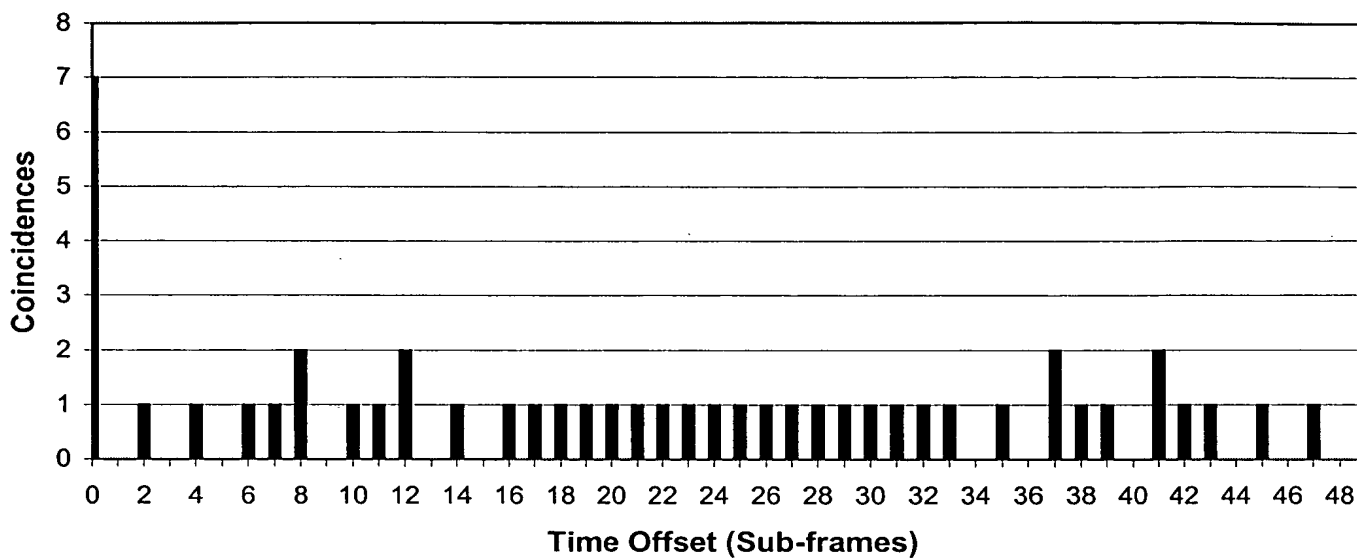


FIGURE 11.

### Autocorrelation

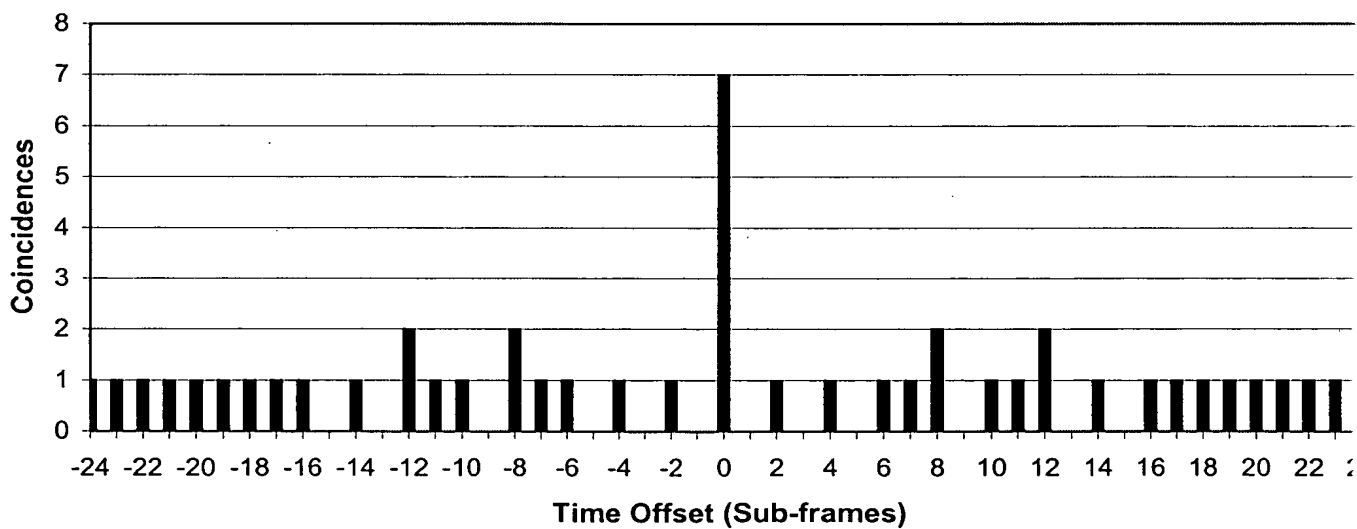


FIGURE 12.

005T80" 05T8E 950

005780" 0578E350

1304

1302

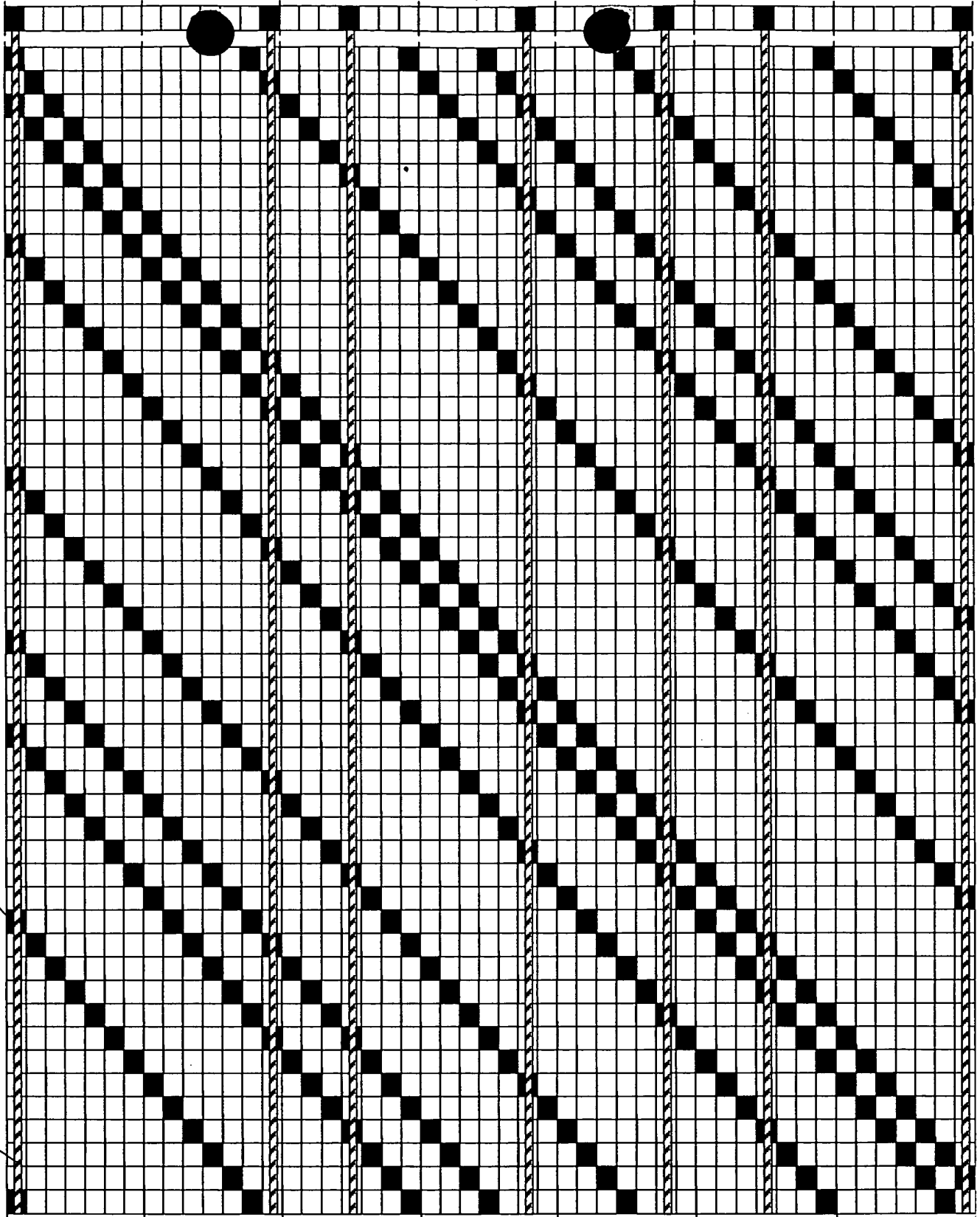


FIGURE 13.



Cross-correlation of 5th and 6th Codes

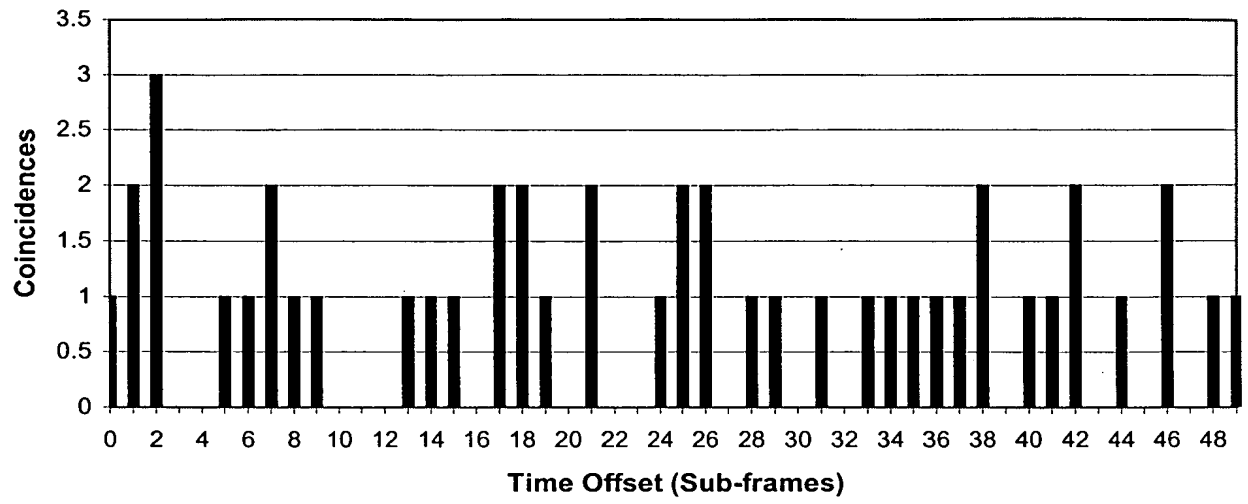


FIGURE 14.